

MONTHLY eSMR SUMMARY

Expected Requirements:

M-001

pH	2 / Day	SU
Flow	1 / Day	MGD
Electrical Conductivity @ 25 Deg. C	1 / Day	umhos/cm
Chlorine, Total Residual	1 / Day	mg/L
Turbidity	1 / Day	NTU
Total Coliform	1 / Day	MPN/100 mL
Total Organic Carbon (TOC)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Week	mg/L
Total Suspended Solids (TSS)	1 / Week	lb/day
Ammonia, Total (as N)	1 / Week	mg/L
Ammonia, Total (as N)	1 / Week	lb/day
Temperature	1 / Week	Degrees C
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	lb/day
Total Suspended Solids (TSS)	1 / Week	mg/L
Bicarbonate Ion (as HCO ₃)	1 / Month	mg/L
Boron, Total Recoverable	1 / Month	mg/L
Calcium, Total Recoverable	1 / Month	mg/L
Carbonate Ion (as CO ₃)	1 / Month	mg/L
Chloride	1 / Month	mg/L
Fluoride, Total	1 / Month	mg/L
Magnesium, Total Recoverable	1 / Month	mg/L
Nitrate, Total (as N)	1 / Month	mg/L
Sodium, Total Recoverable	1 / Month	mg/L
Sulfate, Total (as SO ₄)	1 / Month	mg/L
Total Dissolved Solids (TDS)	1 / Month	mg/L
Hardness, Total (as CaCO ₃)	1 / Month	mg/L
Nitrogen, Total Inorganic (as N)	1 / Month	mg/L
Iron, Total Recoverable	1 / Month	ug/L
Manganese, Total Recoverable	1 / Month	ug/L
Cadmium, Total Recoverable	1 / Month	ug/L
Chromium, Total Recoverable	1 / Month	ug/L
Copper, Total Recoverable	1 / Month	ug/L
Lead, Total Recoverable	1 / Month	ug/L
Mercury, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	ug/L
Selenium, Total Recoverable	1 / Month	ug/L
Silver, Total Recoverable	1 / Month	ug/L
Zinc, Total Recoverable	1 / Month	ug/L
gamma-BHC	1 / Month	ug/L

BOD5 @ 20 Deg. C, Percent Removal	1 / Month	%
Total Suspended Solids (TSS), Percent Removal	1 / Month	%
Total Dissolved Solids (TDS)	1 / Month	mg/L
2,4,6-Trichlorophenol	1 / Quarter	ug/L

M-INF

pH	2 / Day	SU
Flow	1 / Day	MGD
Electrical Conductivity @ 25 Deg. C	1 / Day	umhos/cm
Total Organic Carbon (TOC)	1 / Day	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Day	mg/L
Ammonia, Total (as N)	1 / Month	mg/L
Chloride	1 / Month	mg/L
Sodium, Total Recoverable	1 / Month	mg/L
Sulfate, Total (as SO4)	1 / Month	mg/L
Hardness, Total (as CaCO3)	1 / Month	mg/L
Nitrogen, Total Inorganic (as N)	1 / Month	mg/L
Total Dissolved Solids (TDS)	1 / Month	mg/L

R-001D & R-001U

Dissolved Oxygen	1 / Week	mg/L
Temperature	1 / Week	Degrees C
pH	1 / Week	SU

Using Narratives Tab:

M-001: pH: The total time during which the pH values are outside the range of 6.5 to 8.5 s.u. shall not exceed 7 hours and 26 minutes in any calendar month. (Final requirement effective null - null)[All year]

M-001: pH: No individual excursion from the range of pH values of 6.5 to 8.5 s.u. shall exceed 60 minutes. (Final requirement effective null - null)[All year]

M-001: Chlorine, Total Residual: The total time during which the total chlorine residual values are above 0.1 mg/l IMAX shall not exceed 7 hours and 26 minutes in any calendar month. (Final requirement effective null - null)[All year]

M-001: Chlorine, Total Residual: No individual excursion of total chlorine residual from 0.1 mg/l shall exceed 30 minutes. (Final requirement effective null - null)[All year]

M-001: Turbidity: Turbidity shall not exceed 0.2 NTU more than 5 percent of the time. (Final requirement effective null - null)[All year]

M-001: Total Coliform: The average weekly concentration of total coliform bacteria shall not exceed 2.2 MPN/100 ml. The average shall be determined from results of last 7 days. (Final requirement effective null - null)[All year]

M-001: Total Coliform: The number of total coliform bacteria shall not exceed 23 MPN/100 ml in more than one sample in any calendar month. (Final requirement effective null - null)[All year]

M-001: Chronic Toxicity: This is a IITRE trigger. When the result of a two-month median in the effluent exceeds 1.0 TUc, the Discharger shall implement a IITRE. (Final requirement effective null - null)[All year]

Using Raw Data Tab:

Chronic Toxicity (Species 1)	1 / Month	TUc
Chronic Toxicity	1 / Month	TUc

Using Pre-Calculated Tab:

M-001: Total Dissolved Solids (TDS) \leq 700.0* mg/L, Limit Basis: Other, Sampling Frequency: 1 / Month, Sampling Type: Composite. (final requirement effective since the beginning of this regulatory measure to the end of this regulatory measure) [All Year]
The 12-month average TDS concentration shall not exceed 700 mg/L.

M-001: Total Dissolved Solids (TDS) \leq 250.0* mg/L, Limit Basis: Other, Sampling Frequency: 1 / Month, Sampling Type: Calculate. (final requirement effective since the beginning of this regulatory measure to the end of this regulatory measure) [All Year]
The 12-month average TDS concentration shall not exceed the 12-month average TDS concentration in the water supply by more than 250 mg/L.